of farmers through asset reforms in respect of land, water, livestock, fisheries and bio-resources; support services and inputs like application of frontier technologies for improving productivity, supply of good quality seeds and disease free planting material, issue of soil health pass book and integrated nutrient and pest management system, among others. Further, Government has launched two new schemes (i) National Food Security Mission for increasing production and productivity of rice, wheat and pulses; and (ii) Rashtriya Krishi Vikas Yojana to incentivise the States to increase public investment in Agriculture and Allied Sector. Besides, a Number of initiatives, Plan Schemes and programme including those announced in the Budget 2008-09 have been initiated to address the problems faced by the farmers and for development of agriculture sector.

Estimated rate of yield of agricultural produces

†1562. SHRI RAJ MOHINDER SINGH MAJITHA:
DR. MURLI MANOHAR JOSHI:

Will the Minister of AGRICULTURE be pleased to state:

(a) whether the efforts of increasing the rate of yield of agriculture are being made in the country during the last few years;

(b) if so, the details thereof; and

(c) the estimated rate of yield of agriculture production in the country in the year 2003-2004 and 2007-2008?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI KANTILAL BHURIA): (a) and (b) Department of Agriculture & Cooperation is implementing a number of Plan Schemes for increasing the production, productivity, and rate of yield of agriculture. The measures taken under the said schemes include soil testing, availability of quality/high-yielding seeds, balanced and judicious use of chemical fertilizers in conjunction with organic sources of nutrients, pest management availability of water, etc. Ministry of Agriculture has recently launched two new schemes *i.e.* National Food Security Mission to improve production and productivity of rice, wheat and pulses and Rashtriya Krishi Vikas Yojana to incentivise the states to increase public investment in agriculture and allied sectors and to maximize returns to the farmers in agriculture and allied sector.

(c) The details indicating All India Estimate of Area, Production and Yield of Foodgrains and Oilseeds for last five years are given in Statement—I and II.

† Original notice of the question was received in Hindi.

Statement-I

All India estimates of Area, Production and Yield of Foodgrains

State/UTS	Season	Area ('000 Hectares)					Production ('000 Tonnes)					Yield (Kg./Hectare)				
		2002-03	2003-04	2004-05	2005-06	2006-07	2002-03	2003-04	2004-05	2005-06	2006-07	2002-03	2003-04	2004-05	2005-06	2006-07
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Rice	Autumn	2784.3	2695 8	2632.9	2557.2	2298.2	3346.3	3733 8	3493.9	3449 9	3507 5	1202	1385	1327	1349	
	Winter	14730.9	14835 0	14544 1	14987.1	13499 7	23499.5	27708.5	25540 6	26900 0	27004 9	1595	1868	1756	1795	
	Kharif	20522 0	21699.7	21187.0	21790.9	23803 3	36237 3	47176.2	43195 5	47922 0	49658 4	1766	2174	2039	2199	
	Total Kharif	38037.2	39230.5	38364.0	39335.2	39601 2	63083 1	78618.5	72230 0	78271 9	80170 8	1658	2004	1883	1990	2024
	Rabi/Summer	3138.9	3362.0	3542.7	4324 6	4212 4	8737.1	9907 5	10901 7	13521 5	13184 5	2783	2947	3077	3127	3130
	Total	41176.1	42592.5	41906.7	43659 8	43813.6	71820 2	88526 0	83131 7	91793 4	93355.3	1744	2078	1984	2102	2131
Wheat	Rabi	25195.7	26594.7	26382.9	26483 6	27994.5	65760 8	72156 2	68636 9	69354 5	75806 7	2610	2713	2602	2619	2708
Jowar	Kharif	4243.4	4462.5	4098.5	3763.2	3738.1	4222.7	4843 6	4044.4	4071 6	3706 8	995	1085	987	1082	992
	Rabi	5056 4	4868.2	4993.8	4904 1	4734 4	2789.7	1837.7	3199 9	3558 0	3444 0	552	377	641	726	727
	Total	9299 8	9330.7	9092 3	8667 3	8472 5	7012.4	6681.3	7244 3	7629 6	7150.8	754	716	797	880	844
Bajra	Kharif	7739.8	10612 3	9232 9	9581 2	9507 9	4718 9	12109 3	7931 3	7684 0	8423 7	610	1141	859	802	886
Maize	Kharif	5976 1	6590 1	6594.2	6757 9	6960 4	9272 4	12734 4	11476 4	12155 9	11556 3	1552	1932	1740	1799	1660
	Rabi/Summer	659 1	753 3	836 2	830.4	933.6	1879 3	2249 9	2695 6	2554 0	3540 7	2851	2987	3224	3076	3793
	Total	6635 2	7343.4	7430 4	7588.3	7894 0	11151.7	14984 3	14172.0	14709 9	15097 0	1681	2041	1907	1938	1912
Ragi	Kharif	1415.0	1666.4	1552 7	1533 9	1177 4	1315.7	1965 7	2432.4	2353.6	1443 6	930	1180	1567	1534	1226
Small Millets	Kharif	1200.6	1191.4	1100.6	1064 3	1010 2	459 3	563 8	477 6	471 6	479 6	383	473	434	443	475
Barley	Rabi	701.6	657.0	616.5	629 9	646 2	1407.4	1297.6	1207.1	1220.6	1327.9	2006	1975	1958	1938	2055
Coarse Cereals	Kharif	20574.9	24522 7	22578 9	22700 5	22394 0	19989 0	32216.8	26362.1	26736 7	25610 0	972	1314	1168	1178	1144
	Rabi	6417.1	6278 5	6446 5	6364 4	6314.2	6076 4	5385 2	7102 6	7332 6	8312 6	947	858	1102	1152	1316
	Total	26992.0	30801.2	29025.4	29064 9	28708.2	26065 4	37602.0	33464.7	34069.3	33922 6	966	1221	1153	1172	1182
Cereals	Kharif	58612.1	63753.2	60942.9	62035 7	61995.2	83072.1	110835.3	98592 1	105008 6	105780.8	1417	1739	1618	1693	1706
	Rabi	34751.7	36235 2	36372 1	37172 6	38521.1	80574 3	87448.9	86641 2	90208 6	97303 8	2319	2413	2382	2427	2526
	Total	93363.8	99988 4	97315.0	99208 3	100516 3	163646 4	198284 2	185233 3	195217.2	203084 6	1753	1983	1903	1968	2020
Tur (Arhar)	Kharif	3358.9	3515.6	3518 5	3580 7	3561.6	2185 8	2356 4	2346 9	2738 0	2314 1	651	670	667	765	650
Pulses Other Than Tur	Kharif	6591.5	8167.5	7798.5	7089 8	7113 9	1965 2	3808 3	2370 4	2126 8	2481 3	298	466	304	300	349
Gram	Rabi	5906.4	7048 1	6714.6	6926 4	7493 9	4236 8	5717.5	5469 4	5599 9	6333 7	717	811	815	808	845
Pulses Other Than Gram	Rabi	4639 4	4726 9	4713.4	4785 4	5022.3	2737 2	3023 0	2942 8	2919.7	3068 4	590	640	622	610	611
Pulses	Kharif	9950 4	11683.1	11317.0	10679.5	10675 5	4151.0	6164 7	4717 3	4864 8	4795.4	417	528	417	456	449
	Rabi	10545 8	11775 0	11446 0	11711 8	12516 2	6974.0	8740 5	8412.2	8519 6	9402 1	661	742	735	727	753
	Total	20496.2	23458.1	22763 0	22391 3	23191 7	11125.0	14905 2	13129 5	13384 4	14197 5	543	635	577	598	612
Foodgrains	Kharif	68562.5	75436 3	72259 9	72715 2	72670 7	87223 1	117000 0	103309 4	109873.4	110576 2	1272	1551	1430	1511	1522
	Rabi	45297 5	48010 2	47818.1	48884 4	51037.3	87548.3	96189 4	95053 4	98728 2	106705 9	1933	2004	1988	2020	2091
	Total	113860 0	123446.5	120078.0	121599 6	123708 0	174771.4	213189 4	198362 8	208601 6	217282 1	1535	1727	1652	1715	1756

Statement-II

All India Area, Production and Yield of Oilseeds Crops

States	Season	Area ('000 Hectares)					Production ('000 Tonnes)					Yield (Kg /Hectare)				
		2002-03	2003-04	2004-05	2005-06	2006-07	2002-03	2003-04	2004-05	2005-06	2006-07	2002-03	2003-04	2004-05	2005-06	2006-07
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Groundnut	Khariff	5272 4	5196 2	5786 3	5739 7	4780 3	3094 8	6859 5	5262 1	6297 9	3294 2	587	1320	909	1097	689
	Rabi	663 1	790 8	854 1	996 3	834 8	1026 3	1267 0	1512 3	1695 4	1569 3	1548	1602	1771	1702	1880
	Total	5935 5	5987 0	6640 5	6736 0	5615 1	4121 1	8126 5	6774 4	7993 3	4863 5	694	1357	1020	1187	866
Castorseed	Kharif	583 2	717 2	743 0	864 2	628 4	427 5	796 7	793 4	990 7	762 3	733	1111	1068	1146	1213
Nigerseed	Kharif	414 4	431 7	429 9	414 4	469 0	86 2	108 9	112 2	108 0	120 9	208	252	261	261	258
Sesamum	Kharif	1444 4	1700 3	1844	1723 2	1703 2	441 3	782 1	674 1	641 1	618 4	306	460	366	372	363
Rapeseed & Mustard	Rabi	4544 0	5428 1	7316 4	7276 5	6790 0	3879 8	6291 4	7593 1	8131 2	7437 8	854	1159	1038	1117	1095
Linseed	Rabi	450 1	476 5	448 7	436 8	436 5	176 7	196 5	169 7	172 5	167 9	393	412	378	395	385
Safflower	Rabi	369 5	363 9	369 1	364 6	377 0	178 5	134 9	173 6	228 6	240 3	483	371	470	627	637
Sunflower	Kharif	531 9	610 7	873 1	919 4	860 4	271 5	306 1	431 1	455 8	365 5	510	501	494	496	425
	Rabi	1110 3	1392 8	1287 5	1420 2	1304 4	601 1	624 3	755 6	983 2	862 0	541	448	587	692	661
	Total	1642 2	2003 5	2160 6	2339 6	2164 8	872 6	930 4	1186.7	1439 0	1227 5	531	464	549	615	567
Soyabean	Kharif	6105 5	6554 7	7571.2	7707 5	8328 7	4654 7	7818 9	6876 3	8273 5	8850 8	762	1193	908	1073	1063
Edible Oilseeds	Kharif	13768 6	14493 6	16504 5	16504 2	16141 6	8548 5	15875 5	13355 8	15776 3	13249 8	621	1095	809	956	821
	Rabi	6686 9	7975 6	9827 1	10057 6	9306 2	5685 7	8317 6	10034 6	11038 4	10109 4	850	1043	1021	1098	1086
	Total	20455 5	22469 2	26331 6	26561 8	25447 8	14234 2	24193 1	23390 4	26814 7	23359 2	696	1077	888	1010	918
Non Edible Oilseeds	Kharif	583 2	717 2	743 0	864 2	628 4	427 5	796 7	793 4	990 7	762 3	733	1111	1068	1146	1213
	Rabi	450 1	476 5	448 7	436 8	436 5	176 7	196 5	169 7	172 5	167 9	393	412	378	395	385
	Total	1033 3	1193 7	1191 7	1301 0	1064 9	604 2	993.2	963 1	1163 2	930 2	585	832	808	894	874
Total Nine Oilseeds	Kharif	14351 8	15210 8	17247 5	17368 4	16770 0	8976 0	16672 2	14149.2	16767 0	14012 1	625	1096	820	965	836
	Rabi	7137 0	8452 1	10275 8	10494 4	9742 7	5862 4	8514 1	10204 3	11210 9	10277.3	821	1007	993	1068	1055
	Total	21488 8	23662 9	27523 3	27862 8	26512 7	14838 4	25186 3	24353 5	27977 9	24289 4	691	1064	885	1004	916